Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	99896	($hydrogenase) or ($reductase) or (p450 or p?450 or cytochrome) or ($oxigenase) or ($catalase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:00
L2	708380	(edta or ethylenediamine near4 (tetracetic or tetraacetic)) or (tea or tetraethanolamine) or (dmf or dimethylformamide) or (amine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:06
L3	312123	(ruthenium$ or alkane$ or alkene$ or alkyne$ or aromatic near5 hydrocarbon$) or (porphyrin$) or (methylene near5 blue or acridine near5 orange or methylviologene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:10
L4	10971	L1 and L2 and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:10
L5	376	(photo-induced or photoinduced) near10 (reduct$5 or irradiat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:18
L6	6	L4 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:15
L7	2028287	(freez$4 or froz$4 or cool$5) or (kelvin or 77k or 170k)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:53
L8	8987	L4 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:18
L9	1994611	L8 (photo-induced or photoinduced reduct$5 or irradiat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:20
L10	1994039	(photo-induced or photoinduced reduct$5 or irradiat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:56
L11	8415	L10 and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:21
L12	71	L1 same l2 same l3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:52

L13	17373	L12 same (freez$4 or froz$4 or cool$5) or (kelvin or 77k or 170k)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 15:04
L14	6785	L13 and (photo-induced or photoinduced reduct$5 or irradiat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:56
L15	436	L13 same(photo-induced or photoinduced reduct$5 or irradiat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:56
L16	436	L13 same (photo-induced or photoinduced reduct$5 or irradiat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 14:56
L17	325	L16 same (temperature or wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 15:02
L18	4	L12 same (freez$4 or froz$4 or cool$5 or kelvin or 77k or 170k)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 15:04
L19	4	L12 same (freez$4 or froz$4 or cool$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/26 15:05

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=> d hist full

    (FILE 'HOME' ENTERED AT 12:36:02 ON 26 JAN 2006)

    INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
    AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
    CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
    DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 12:36:14 ON 26 JAN 2006
                SEA (?DEHYDROGENASE OR ?HYDROGENASE OR ?REDUCTASE OR P450 OR ?O
            ---------
        24985*    FILE ADISCTI
          652*    FILE ADISINSIGHT
         2055*    FILE ADISNEWS
        35756*    FILE AGRICOLA
        11171     FILE ANABSTR
          458     FILE ANTE
         1619     FILE AQUALINE
         8690*    FILE AQUASCI
        17086     FILE BIOENG
       419898     FILE BIOSIS
        23964*    FILE BIOTECHABS
        23964*    FILE BIOTECHDS
        89657     FILE BIOTECHNO
        82547     FILE CABA
       455901     FILE CAPLUS
         6977*    FILE CEABA-VTB
          835     FILE CIN
         9214*    FILE CONFSCI
         1474*    FILE CROPB
         3502*    FILE CROPU
        13601*    FILE DDFB
        36729*    FILE DDFU
       130232*    FILE DGENE
        16007     FILE DISSABS
        13601*    FILE DRUGB
           55*    FILE DRUGMONOG2
        43822*    FILE DRUGU
         1985*    FILE EMBAL
       319198     FILE EMBASE
        96493*    FILE ESBIOBASE
         3866*    FILE FEDRIP
            2*    FILE FOMAD
          118*    FILE FOREGE
         6577     FILE FROSTI
        12068     FILE FSTA
       389080     FILE GENBANK
          875*    FILE HEALSAFE
        16074     FILE IFIPAT
          702*    FILE IMSDRUGNEWS
           27*    FILE IMSPRODUCT
          394*    FILE IMSRESEARCH
        37079*    FILE JICST-EPLUS
          688     FILE KOSMET
        82254*    FILE LIFESCI
       343729     FILE MEDLINE
         6041*    FILE NIOSHTIC
         2716     FILE NTIS
           42*    FILE NUTRACEUT
         2249*    FILE OCEAN
       156225     FILE PASCAL
          374*    FILE PCTGEN
         2242     FILE PHAR
          402*    FILE PHARMAML
```

```
     1     FILE PHIC
   206     FILE PHIN
  5158*    FILE PROMT
  5276     FILE PROUSDDR
    14     FILE PS
    93     FILE RDISCLOSURE
304108     FILE SCISEARCH
   124*    FILE SYNTHLINE
245601     FILE TOXCENTER
 95454     FILE USPATFULL
  7870     FILE USPAT2
   303*    FILE VETB
  1526*    FILE VETU
  1847     FILE WATER
 24411     FILE WPIDS
   171     FILE WPIFV
 24411     FILE WPINDEX
L1       QUE ABB=ON  PLU=ON  (?DEHYDROGENASE OR ?HYDROGENASE OR
         ?REDUCTASE OR P450 OR ?OXIGENASE OR ?OXIDASE OR ?MONOXIGENASE
         OR ?CATALASE OR ?PEROXIDASE)
         ---------
         SEA (PHOTOINDUCED (10A) REDUC?) OR (RUTHENIUM? OR ALKANE? OR AL
         ---------
   256     FILE ADISCTI
    48     FILE ADISINSIGHT
   121     FILE ADISNEWS
  4532     FILE AGRICOLA
  9520     FILE ANABSTR
   634     FILE ANTE
  4379     FILE AQUALINE
  6623     FILE AQUASCI
  4063     FILE BIOENG
 56750     FILE BIOSIS
  7232     FILE BIOTECHABS
  7232     FILE BIOTECHDS
 10828     FILE BIOTECHNO
 11165     FILE CABA
448306     FILE CAPLUS
  7840     FILE CEABA-VTB
  1566     FILE CIN
  3452     FILE CONFSCI
  1076     FILE CROPB
  1098     FILE CROPU
  4224     FILE DDFB
  4455     FILE DDFU
 10627     FILE DGENE
 10610     FILE DISSABS
  4224     FILE DRUGB
   257     FILE DRUGMONOG2
  5590     FILE DRUGU
   570     FILE EMBAL
 64288     FILE EMBASE
 19481     FILE ESBIOBASE
  1244     FILE FEDRIP
    20     FILE FOREGE
  1581     FILE FROSTI
  2445     FILE FSTA
  2182     FILE GENBANK
  1382     FILE HEALSAFE
 56084     FILE IFIPAT
    29     FILE IMSDRUGNEWS
    25     FILE IMSPRODUCT
    32     FILE IMSRESEARCH
 62450     FILE JICST-EPLUS
```

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        180    FILE KOSMET
      12759    FILE LIFESCI
      56290    FILE MEDLINE
       8606    FILE NIOSHTIC
      13905    FILE NTIS
         15    FILE NUTRACEUT
       2294    FILE OCEAN
      86800    FILE PASCAL
         35    FILE PHAR
          6    FILE PHARMAML
          1    FILE PHIC
        115    FILE PHIN
       5366    FILE PROMT
        511    FILE PROUSDDR
         16    FILE PS
        482    FILE RDISCLOSURE
     150652    FILE SCISEARCH
        101    FILE SYNTHLINE
      69975    FILE TOXCENTER
     205794    FILE USPATFULL
      17835    FILE USPAT2
        306    FILE VETB
        184    FILE VETU
       5242    FILE WATER
      76514    FILE WPIDS
        279    FILE WPIFV
      76514    FILE WPINDEX
L2           QUE ABB=ON  PLU=ON  (PHOTOINDUCED (10A) REDUC?) OR (RUTHENIUM?
             OR ALKANE? OR ALKENE? OR ALKYNE? OR AROMATIC (5A) HYDROCARBON?)
              OR (PORPHYRIN?) OR (METHYLENE (5A) BLUE OR ACRIDINE (5A)
             ORANGE OR METHYLVIOLOGENE)
             ---------
             SEA (EDTA OR ETHYENEDIAMINE (4A) TETRACETIC OR TEA OR TRIETHANO
             ---------
        614*   FILE ADISCTI
        149*   FILE ADISINSIGHT
        134*   FILE ADISNEWS
      10784*   FILE AGRICOLA
      38712    FILE ANABSTR
       3034    FILE ANTE
       5495    FILE AQUALINE
       2537*   FILE AQUASCI
      20385    FILE BIOENG
     778630    FILE BIOSIS
      10923*   FILE BIOTECHABS
      10923*   FILE BIOTECHDS
             SEA (?HYDROGENASE) OR (?REDUCTASE) OR (P450) OR (?OXIGENASE) OR
             ---------
      21465*   FILE ADISCTI
        532*   FILE ADISINSIGHT
       1331*   FILE ADISNEWS
      19812*   FILE AGRICOLA
      11171    FILE ANABSTR
        458    FILE ANTE
       1619    FILE AQUALINE
       4605*   FILE AQUASCI
      17086    FILE BIOENG
     419898    FILE BIOSIS
      13631*   FILE BIOTECHABS
      13631*   FILE BIOTECHDS
      89657    FILE BIOTECHNO
      82547    FILE CABA
     455901    FILE CAPLUS
       3690*   FILE CEABA-VTB
```

```
      835    FILE CIN
     5414*   FILE CONFSCI
      881*   FILE CROPB
     2383*   FILE CROPU
     7312*   FILE DDFB
    28534*   FILE DDFU
    90608*   FILE DGENE
    16007    FILE DISSABS
     7312*   FILE DRUGB
       55*   FILE DRUGMONOG2
    33400*   FILE DRUGU
     1348*   FILE EMBAL
   319198    FILE EMBASE
    61749*   FILE ESBIOBASE
     2862*   FILE FEDRIP
        2*   FILE FOMAD
      116*   FILE FOREGE
     6577    FILE FROSTI
    12068    FILE FSTA
   389080    FILE GENBANK
      530*   FILE HEALSAFE
    16074    FILE IFIPAT
      604*   FILE IMSDRUGNEWS
       25*   FILE IMSPRODUCT
      346*   FILE IMSRESEARCH
    20529*   FILE JICST-EPLUS
      688    FILE KOSMET
    47039*   FILE LIFESCI
   343729    FILE MEDLINE
     3413*   FILE NIOSHTIC
     2716    FILE NTIS
       38*   FILE NUTRACEUT
     1322*   FILE OCEAN
   156225    FILE PASCAL
       31*   FILE PCTGEN
     2242    FILE PHAR
      371*   FILE PHARMAML
        1    FILE PHIC
      206    FILE PHIN
     4015*   FILE PROMT
     5276    FILE PROUSDDR
       14    FILE PS
       93    FILE RDISCLOSURE
   304108    FILE SCISEARCH
      113*   FILE SYNTHLINE
   245601    FILE TOXCENTER
    95454    FILE USPATFULL
     7870    FILE USPAT2
      111*   FILE VETB
      518*   FILE VETU
     1847    FILE WATER
    24411    FILE WPIDS
      171    FILE WPIFV
    24411    FILE WPINDEX
L3        QUE ABB=ON  PLU=ON  (?HYDROGENASE) OR (?REDUCTASE) OR (P450)
          OR (?OXIGENASE) OR (?OXIDASE) OR (?CATALASE)
          ---------
          SEA (EDTA OR ETHYLENEDIAMINE (5A) TETRAACETIC) OR (TEA OR TRIET
          ---------
      614*   FILE ADISCTI
      149*   FILE ADISINSIGHT
      134*   FILE ADISNEWS
    10806*   FILE AGRICOLA
    38712    FILE ANABSTR
```

```
    3034     FILE ANTE
    5495     FILE AQUALINE
    2551*    FILE AQUASCI
   20385     FILE BIOENG
  778630     FILE BIOSIS
   10964*    FILE BIOTECHABS
   10964*    FILE BIOTECHDS
  112895     FILE BIOTECHNO
  128312     FILE CABA
 1631733     FILE CAPLUS
    5487*    FILE CEABA-VTB
   11995     FILE CIN
    1467*    FILE CONFSCI
    6861*    FILE CROPB
    8328*    FILE CROPU
   22418*    FILE DDFB
   20413*    FILE DDFU
   10273*    FILE DGENE
  135205     FILE DISSABS
   22418*    FILE DRUGB
     285*    FILE DRUGMONOG2
   25188*    FILE DRUGU
     574*    FILE EMBAL
  786484     FILE EMBASE
   21588*    FILE ESBIOBASE
    1017*    FILE FEDRIP
    5581*    FILE FOMAD
    1101*    FILE FOREGE
   18567     FILE FROSTI
   24924     FILE FSTA
  156779     FILE GENBANK
     600*    FILE HEALSAFE
  175243     FILE IFIPAT
      44*    FILE IMSDRUGNEWS
     694*    FILE IMSPRODUCT
      97*    FILE IMSRESEARCH
  224432*    FILE JICST-EPLUS
    1762     FILE KOSMET
   16102*    FILE LIFESCI
  729514     FILE MEDLINE
    2327*    FILE NIOSHTIC
   39976     FILE NTIS
     289*    FILE NUTRACEUT
     500*    FILE OCEAN
  445831     FILE PASCAL
       0*    FILE PCTGEN
    3644     FILE PHAR
      48*    FILE PHARMAML
     435     FILE PHIN
   61040*    FILE PROMT
   19923     FILE PROUSDDR
     930     FILE PS
    2253     FILE RDISCLOSURE
  687019     FILE SCISEARCH
    4171*    FILE SYNTHLINE
  541462     FILE TOXCENTER
  611150     FILE USPATFULL
   48389     FILE USPAT2
     655*    FILE VETB
     749*    FILE VETU
    9624     FILE WATER
  329414     FILE WPIDS
    1140     FILE WPIFV
  329414     FILE WPINDEX
```

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L4          QUE ABB=ON  PLU=ON  (EDTA OR ETHYLENEDIAMINE (5A) TETRAACETIC)
            OR (TEA OR TRIETHANOLAMINE) OR (DMF OR DIMETHYLFORMAMIDE) OR
            (?AMINE)
            ---------
            SEA L2 AND L3 AND L4
            ---------
                0*   FILE ADISCTI
                0*   FILE ADISINSIGHT
                0*   FILE ADISNEWS
                0*   FILE AGRICOLA
               22    FILE ANABSTR
                4    FILE AQUALINE
                1*   FILE AQUASCI
               15    FILE BIOENG
              411    FILE BIOSIS
               17*   FILE BIOTECHABS
               17*   FILE BIOTECHDS
              198    FILE BIOTECHNO
               43    FILE CABA
             1173    FILE CAPLUS
                3*   FILE CEABA-VTB
                0*   FILE CONFSCI
                0*   FILE CROPB
                0*   FILE CROPU
                1*   FILE DDFB
               10*   FILE DDFU
                0*   FILE DGENE
               78    FILE DISSABS
                1*   FILE DRUGB
                0*   FILE DRUGMONOG2
               17*   FILE DRUGU
                0*   FILE EMBAL
              738    FILE EMBASE
               26*   FILE ESBIOBASE
                4*   FILE FEDRIP
                0*   FILE FOMAD
                0*   FILE FOREGE
                1    FILE FROSTI
                6    FILE FSTA
              233    FILE GENBANK
                1*   FILE HEALSAFE
              220    FILE IFIPAT
                0*   FILE IMSDRUGNEWS
                0*   FILE IMSPRODUCT
                0*   FILE IMSRESEARCH
              180*   FILE JICST-EPLUS
                1    FILE KOSMET
               22*   FILE LIFESCI
              551    FILE MEDLINE
                6*   FILE NIOSHTIC
                5    FILE NTIS
                0*   FILE NUTRACEUT
                1*   FILE OCEAN
              189    FILE PASCAL
                0*   FILE PCTGEN
                0*   FILE PHARMAML
                8*   FILE PROMT
                1    FILE PROUSDDR
               16    FILE RDISCLOSURE
              558    FILE SCISEARCH
                0*   FILE SYNTHLINE
              737    FILE TOXCENTER
            14943    FILE USPATFULL
             1388    FILE USPAT2
```

```
    0*   FILE VETB
    1*   FILE VETU
    8    FILE WATER
  201    FILE WPIDS
  201    FILE WPINDEX
L5       QUE ABB=ON   PLU=ON   L2 AND L3 AND L4
         ---------
         SEA (?KELVIN OR 77K OR 170K)
         ---------
    0*   FILE ADISCTI
    0*   FILE ADISINSIGHT
    1*   FILE ADISNEWS
   83*   FILE AGRICOLA
   52    FILE ANABSTR
  180    FILE ANTE
   51    FILE AQUALINE
 1168*   FILE AQUASCI
   46    FILE BIOENG
  892    FILE BIOSIS
   18*   FILE BIOTECHABS
   18*   FILE BIOTECHDS
  118    FILE BIOTECHNO
  189    FILE CABA
 8056    FILE CAPLUS
  307*   FILE CEABA-VTB
   85    FILE CIN
  157*   FILE CONFSCI
    0*   FILE CROPB
    6*   FILE CROPU
    2*   FILE DDFB
    4*   FILE DDFU
    5*   FILE DGENE
 1194    FILE DISSABS
    2*   FILE DRUGB
    0*   FILE DRUGMONOG2
   19*   FILE DRUGU
    5*   FILE EMBAL
  622    FILE EMBASE
  398*   FILE ESBIOBASE
   80*   FILE FEDRIP
    0*   FILE FOMAD
    0*   FILE FOREGE
   20    FILE FROSTI
   51    FILE FSTA
   57    FILE GENBANK
   12*   FILE HEALSAFE
 1759    FILE IFIPAT
    0*   FILE IMSDRUGNEWS
    0*   FILE IMSPRODUCT
    0*   FILE IMSRESEARCH
 2928*   FILE JICST-EPLUS
    2    FILE KOSMET
  157*   FILE LIFESCI
  592    FILE MEDLINE
   64*   FILE NIOSHTIC
 1954    FILE NTIS
    1*   FILE NUTRACEUT
  759*   FILE OCEAN
 6450    FILE PASCAL
    0*   FILE PCTGEN
    1*   FILE PHARMAML
 3731*   FILE PROMT
   25    FILE RDISCLOSURE
 8261    FILE SCISEARCH
```

```
      0*   FILE SYNTHLINE
    339    FILE TOXCENTER
· 12669    FILE USPATFULL
   1512    FILE USPAT2
      0*   FILE VETB
      0*   FILE VETU
    152    FILE WATER
   1068    FILE WPIDS
      6    FILE WPIFV
   1068    FILE WPINDEX
L6       QUE ABB=ON  PLU=ON  (?KELVIN OR 77K OR 170K)
         ---------
         SEA L5 AND L6
         ---------
      0*   FILE ADISCTI
      0*   FILE ADISINSIGHT
      0*   FILE ADISNEWS
      0*   FILE AGRICOLA
      0*   FILE AQUASCI
      0*   FILE BIOTECHABS
      0*   FILE BIOTECHDS
      0*   FILE CEABA-VTB
      0*   FILE CONFSCI
      0*   FILE CROPB
      0*   FILE CROPU
      0*   FILE DDFB
      0*   FILE DDFU
      0*   FILE DGENE
      0*   FILE DRUGB
      0*   FILE DRUGMONOG2
      0*   FILE DRUGU
      0*   FILE EMBAL
      0*   FILE ESBIOBASE
      0*   FILE FEDRIP
      0*   FILE FOMAD
      0*   FILE FOREGE
      0*   FILE HEALSAFE
      0*   FILE IMSDRUGNEWS
      0*   FILE IMSPRODUCT
      0*   FILE IMSRESEARCH
      0*   FILE JICST-EPLUS
      0*   FILE LIFESCI
      0*   FILE NIOSHTIC
      0*   FILE NUTRACEUT
      0*   FILE OCEAN
      0*   FILE PCTGEN
      0*   FILE PHARMAML
      0*   FILE PROMT
      0*   FILE SYNTHLINE
     76    FILE USPATFULL
      5    FILE USPAT2
      0*   FILE VETB
      0*   FILE VETU
L7       QUE ABB=ON  PLU=ON  L5 AND L6
         ---------
         D RANK
         SEA L5 AND (FREEZ? OR FROZ? OR COOL?)
         ---------
      0*   FILE ADISCTI
      0*   FILE ADISINSIGHT
      0*   FILE ADISNEWS
      0*   FILE AGRICOLA
      1    FILE ANABSTR
      0*   FILE AQUASCI
```

```
            2    FILE BIOSIS
            0*   FILE BIOTECHABS
            0*   FILE BIOTECHDS
           27    FILE CAPLUS
            0*   FILE CEABA-VTB
            0*   FILE CONFSCI
            0*   FILE CROPB
            0*   FILE CROPU
            0*   FILE DDFB
            0*   FILE DDFU
            0*   FILE DGENE
            0*   FILE DRUGB
            0*   FILE DRUGMONOG2
            0*   FILE DRUGU
            0*   FILE EMBAL
            1    FILE EMBASE
            0*   FILE ESBIOBASE
            0*   FILE FEDRIP
            0*   FILE FOMAD
            0*   FILE FOREGE
            0*   FILE HEALSAFE
            9    FILE IFIPAT
            0*   FILE IMSDRUGNEWS
            0*   FILE IMSPRODUCT
            0*   FILE IMSRESEARCH
            1*   FILE JICST-EPLUS
            0*   FILE LIFESCI
            0*   FILE NIOSHTIC
            0*   FILE NUTRACEUT
            0*   FILE OCEAN
            1    FILE PASCAL
            0*   FILE PCTGEN
            0*   FILE PHARMAML
            4*   FILE PROMT
            3    FILE RDISCLOSURE
            4    FILE SCISEARCH
            0*   FILE SYNTHLINE
            4    FILE TOXCENTER
        11614    FILE USPATFULL
         1097    FILE USPAT2
            0*   FILE VETB
            0*   FILE VETU
            5    FILE WPIDS
            5    FILE WPINDEX
L8              QUE ABB=ON  PLU=ON  L5 AND (FREEZ? OR FROZ? OR COOL?)
                ---------
                D RANK
```

FILE 'CAPLUS, IFIPAT, WPIDS, SCISEARCH, TOXCENTER, PROMT, RDISCLOSURE,
BIOSIS, ANABSTR, EMBASE, PASCAL, JICST-EPLUS' ENTERED AT 13:37:12 ON 26
JAN 2006

```
L9        62 SEA ABB=ON  PLU=ON  L8
L10       57 DUP REM L9 (5 DUPLICATES REMOVED)
             D L10 IBIB ABS 1-25
             D L10 IBIB ABS 26-57
```

FILE HOME